

## XL-5168

# FIRE-RESISTANT HYDRAULIC FLUID FOR HYDROSTATIC TRANSMISSIONS

**XL-5168** is a non-hydrous synthetic fluid, formulated with organic esters. This product is ideal for high-temperature applications including metallurgy, steel mills, forges, foundries, and in the aluminum industry.

Because of its high auto-ignition point (over 450°C), **XL-5168** can be used to avoid the dangers posed by conventional mineral-based oils. **XL-5168** is also self-extinguishing.

**XL-5168** is miscible with mineral oils and elastomers (except for Butyl). **XL-5168** can also be used with most hydraulic pumps and installations that use conventional oil, without requiring any major modifications. Check with the manufacturer before making any modifications, as doing so may void the manufacturer's warranty.

**XL-5168** is classified as Biodegradable and Non-toxic, with a rating of **PW1**.

### Advantages

- Antiwear, antifoam, demulsibility, and deaeration properties
- Low pour point
- High auto-ignition point
- High viscosity index
- Excellent thermal stability

### TYPICAL SPECIFICATIONS

Product Code: XL-5168	/032	/046	/068	/100
ISO Grade				
Viscosity (cSt @ 40°C) (ASTM D-445)	35	46	73	110
Viscosity (cSt @ 100°C) (ASTM D-445)	7.7	9.6	13.3	18.0
Viscosity index (ASTM D-2270)	199	200	186	182
Flash Point (°C)	> 290	> 290	> 290	> 290
Fire Point (°C)	344	349	376	380
Auto-ignition Point (°C)	> 450	> 450	> 450	> 450
Pour Point (°C) (ASTM D-97)	-26	-21	-27	-24
Specific Gravity (g/ml @ 25°C)	0.92	0.92	0.92	0.92
AFNOR filterability	1	1.2	1.5	1.1
Shell 4-ball Wear Test, 40kg	0.65	0.6	0.65	0.35
Colour	Blonde			